


|  |                     |              |  |
|--|---------------------|--------------|--|
| <b>Issue Classification</b><br> | Application No.     | Applicant(s) |  |
|  | 09/937,592          | GRAY ET AL.  |  |
|  | Examiner            | Art Unit     |  |
|  | Daniel S. Metzmaier | 1712         |  |

| ISSUE CLASSIFICATION   |   |          |   |       |   |                                   |     |                             |     |                             |
|--|---|----------|---|-------|---|-----------------------------------|-----|-----------------------------|-----|-----------------------------|
| ORIGINAL   |   |          |   |       | CROSS REFERENCE(S)  |                                   |     |                             |     |                             |
| CLASS  |   | SUBCLASS |   |       | CLASS   | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |                             |     |                             |
| 516  |   | 67       |   |       | 516   | 69                                | 926 |                             |     |                             |
| INTERNATIONAL CLASSIFICATION                                   |   |          |   |       | 510   | 416                               | 417 | 502                         | 125 | 126                         |
| B  | 0 | 1        | F | 3/08  | 510   | 237                               | 123 |                             |     |                             |
| A  | 6 | 1        | K | 7/075 |   |                                   |     |                             |     |                             |
| C  | 1 | 1        | D | 1/90  |   |                                   |     |                             |     |                             |
| G  | 1 | 1        | D | 1/94  |   |                                   |     |                             |     |                             |
|  |   |          |   | /     |   |                                   |     |                             |     |                             |
| _____<br>(Assistant Examiner) (Date)                           |   |          |   |       | <b>DANIEL S. METZMAIER</b><br><b>PRIMARY EXAMINER</b>                           |                                   |     | Total Claims Allowed: 20    |     |                             |
| <i>[Signature]</i> 3/04<br>(Legal Instruments Examiner) (Date) |   |          |   |       | ART UNIT 1712<br>(Primary Examiner) (Date)<br><i>Daniel S. Metzmaier</i> 3-4-04 |                                   |     | O.G.<br>Print Claim(s)<br>1 |     | O.G.<br>Print Fig.<br>_____ |

|  |          |       |          |                              |          |       |          |                               |          |       |          |                                 |          |  |  |
|--|----------|-------|----------|------------------------------|----------|-------|----------|-------------------------------|----------|-------|----------|---------------------------------|----------|--|--|
| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          | <input type="checkbox"/> CPA |          |       |          | <input type="checkbox"/> T.D. |          |       |          | <input type="checkbox"/> R.1.47 |          |  |  |
| Final  | Original | Final | Original | Final                        | Original | Final | Original | Final                         | Original | Final | Original | Final                           | Original |  |  |
|  | 1        |       | 31       |                              | 61       |       | 91       |                               | 121      |       | 151      |                                 | 181      |  |  |
|  | 2        |       | 32       |                              | 62       |       | 92       |                               | 122      |       | 152      |                                 | 182      |  |  |
|  | 3        |       | 33       |                              | 63       |       | 93       |                               | 123      |       | 153      |                                 | 183      |  |  |
|  | 4        |       | 34       |                              | 64       |       | 94       |                               | 124      |       | 154      |                                 | 184      |  |  |
|  | 5        |       | 35       |                              | 65       |       | 95       |                               | 125      |       | 155      |                                 | 185      |  |  |
|  | 6        |       | 36       |                              | 12 66    |       | 96       |                               | 126      |       | 156      |                                 | 186      |  |  |
|  | 7        |       | 37       |                              | 13 67    |       | 97       |                               | 127      |       | 157      |                                 | 187      |  |  |
|  | 8        |       | 38       |                              | 14 68    |       | 98       |                               | 128      |       | 158      |                                 | 188      |  |  |
|  | 9        |       | 39       |                              | 15 69    |       | 99       |                               | 129      |       | 159      |                                 | 189      |  |  |
|  | 10       |       | 40       |                              | 16 70    |       | 100      |                               | 130      |       | 160      |                                 | 190      |  |  |
|  | 11       |       | 41       |                              | 17 71    |       | 101      |                               | 131      |       | 161      |                                 | 191      |  |  |
|  | 12       |       | 42       |                              | 18 72    |       | 102      |                               | 132      |       | 162      |                                 | 192      |  |  |
|  | 13       |       | 43       |                              | 19 73    |       | 103      |                               | 133      |       | 163      |                                 | 193      |  |  |
|  | 14       |       | 44       |                              | 3 74     |       | 104      |                               | 134      |       | 164      |                                 | 194      |  |  |
|  | 15       |       | 45       |                              | 4 75     |       | 105      |                               | 135      |       | 165      |                                 | 195      |  |  |
|  | 16       |       | 46       |                              | 5 76     |       | 106      |                               | 136      |       | 166      |                                 | 196      |  |  |
|  | 17       |       | 47       |                              | 6 77     |       | 107      |                               | 137      |       | 167      |                                 | 197      |  |  |
|  | 18       |       | 48       |                              | 7 78     |       | 108      |                               | 138      |       | 168      |                                 | 198      |  |  |
|  | 19       |       | 49       |                              | 20 79    |       | 109      |                               | 139      |       | 169      |                                 | 199      |  |  |
|  | 20       |       | 50       |                              | 80       |       | 110      |                               | 140      |       | 170      |                                 | 200      |  |  |
|  | 21       |       | 51       |                              | 81       |       | 111      |                               | 141      |       | 171      |                                 | 201      |  |  |
|  | 22       |       | 52       |                              | 82       |       | 112      |                               | 142      |       | 172      |                                 | 202      |  |  |
|  | 23       |       | 53       |                              | 83       |       | 113      |                               | 143      |       | 173      |                                 | 203      |  |  |
|  | 24       |       | 54       |                              | 84       |       | 114      |                               | 144      |       | 174      |                                 | 204      |  |  |
|  | 25       | 1     | 55       |                              | 85       |       | 115      |                               | 145      |       | 175      |                                 | 205      |  |  |
|  | 26       | 2     | 56       |                              | 86       |       | 116      |                               | 146      |       | 176      |                                 | 206      |  |  |
|  | 27       | 8     | 57       |                              | 87       |       | 117      |                               | 147      |       | 177      |                                 | 207      |  |  |
|  | 28       | 9     | 58       |                              | 88       |       | 118      |                               | 148      |       | 178      |                                 | 208      |  |  |
|  | 29       | 10    | 59       |                              | 89       |       | 119      |                               | 149      |       | 179      |                                 | 209      |  |  |
|  | 30       | 11    | 60       |                              | 90       |       | 120      |                               | 150      |       | 180      |                                 | 210      |  |  |